

WHAT IS CLAIMED IS:

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1. A network facsimile machine, comprising:  
image information scanner means for scanning  
image information of an original and outputting image  
data;

10 display means for displaying information,  
the display means including a predetermined display  
unit;

means for transmitting and receiving image  
data via a public network;

15 means for transmitting and receiving mail  
data via a network;

subject name registration means for  
registering one or a plurality of subject names  
insertable into an electronic mail message for  
20 transmitting the mail data;

subject name specification determination  
means for determining whether one of the subject  
names is specified for the mail data to be  
transmitted; and

25 subject name specifying means for

automatically specifying one of the subject names  
registered in said subject name registration means as  
a transmission subject name of the mail data if said  
subject name specification determination means  
5 determines that none of the subject names is  
specified for the mail data.

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2. The network facsimile machine as claimed  
in claim 1, wherein said subject name specifying  
means specifies a specific one of the subject names  
registered in said subject name registration means as  
15 the transmission subject name.

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3. The network facsimile machine as claimed  
in claim 1, further comprising means for causing one  
of the subject names registered in said subject name  
registration means to be specified as the  
transmission subject name.

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4. The network facsimile machine as claimed  
in claim 1, wherein said subject name specifying  
means successively specifies the subject names  
registered in said subject name registration means as  
5 the transmission subject name in accordance with  
specified priorities of the registered subject names.

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5. The network facsimile machine as claimed  
in claim 1, wherein said subject name registration  
means is adapted to be able to register the subject  
name by an identification code, the identification  
15 code being characteristic of an individual user.

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6. The network facsimile machine as claimed  
in claim 5, further comprising:

code specification determination means for  
determining whether the identification code is  
specified; and

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subject name registration determination

means for determining whether the subject names are registered for the identification code determined by said code specification determination means to be specified,

5                wherein said subject name specification means employ, as the transmission subject name, one of the subject names determined by said subject name registration determination means to be registered.

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7. The network facsimile machine as claimed in claim 6, further comprising address registration  
15 determination means for determining whether a mail address is registered for the identification code as an address to which the mail data is transmitted,

              wherein said subject name specifying means specifies the mail address registered for the  
20 identification code as the transmission subject name when the subject name specification determination means determines that the subject names are not registered for the mail data, said code specification determination means determines that the  
25 identification code is specified, and said address

registration determination means determines that the mail address is registered for the identification code.

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8. The network facsimile machine as claimed in claim 7, further comprising user code name registration determination means for determining whether a user code name is registered for the identification code as an address to which the mail data is transmitted,

wherein said subject name specifying means specifies the user code name registered for the identification code as the transmission subject name when the subject name specification determination means determines that the subject names are not registered for the mail data, said code specification determination means determines that the identification code is specified, and said user code name registration determination means determines that the user code name is registered for the identification code.

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9. The network facsimile machine as claimed  
in claim 8, wherein said subject name specifying  
means specifies the transmission subject name using  
one of a facsimile number and a name of a transmitter  
5 of the mail data.

10 10. The network facsimile machine as  
claimed in claim 9, wherein said subject name  
specifying means specifies the transmission subject  
name using one of: in the order described, the  
subject name; the mail address; the user code name;  
15 and the facsimile number or the name of the  
transmitter of the mail data registered for the  
identification code.

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11. The network facsimile machine as  
claimed in claim 1, further comprising means for  
displaying the one of the subject names specified by  
25 said subject name specifying means on said display

means.

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12. The network facsimile machine as claimed in claim 11, further comprising editing means for editing, by an input operation, the one of the subject names displayed on said display means.

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13. The network facsimile machine as  
15 claimed in claim 12, wherein said editing means is adapted to be able to perform editing using the subject names registered in said subject name registration means.